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ABSTRACT

| 3 | A method for collecting data for a geographic database is disclosed. Altitude data |
|---|---|
| 4 | are collected using a vehicle traveling in a geographic region. A barometer associated |
| 5 | with the vehicle supplies the altitude data. Road grade data along the roads traveled by |
| 6 | the vehicle is derived by analyzing the altitude data. The geographic database is updated |
| 7 | to indicate the road grade. |